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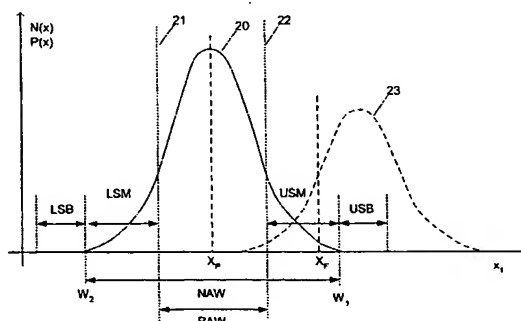
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(54) Title: MONEY ITEM ACCEPTOR WITH ENHANCED SECURITY



(57) Abstract: An acceptor for money items such as coins or banknotes produces a money item parameter signal ( $x_1$ ) depending on a sensed characteristic of the money item. A store (12) provides window data corresponding to normal acceptance ranges of values of the parameter signal for a money item of a particular denomination (NAW), as well as restricted acceptance windows (RAW). A processor (11) determines when an occurrence of the parameter signal ( $x_1$ ) may represent a fraudulent money item and then for subsequent sensed money items compares the value of the parameter signals ( $x_1$ ) with the restricted acceptance range (RAW). The RAW range is used until  $n$  successive true coins are inserted or a time  $t$  has lapsed. After a fraudulent attempt, the values of  $n$  and  $t$  are increased so that a fraudster cannot then insert  $n$  true coins or wait a time  $t$  and attempt another fraudulent coin insertion. Also, a focussed rejection window (FRW) rejects coins with suspiciously close parameter signals, which could form part of a counterfeit set.

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